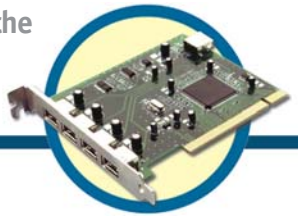
D-Link

Quick Installation Guide

This product can be used with the following operating systems:
Windows XP, Me, 2000, 98SE
Macintosh OS v10.1



DU-520
5-Port Hi-Speed
USB 2.0 PCI Adapter

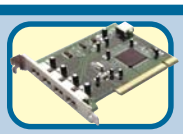
Before You Begin

You must have at least the following:

- Windows XP/Me/2000/98SE or Macintosh OS v10.1
- Pentium Class CPU or Higher
- One Available PCI Slot
- CD-ROM Drive

Check Your Package Contents

These are the items included with your purchase:
If any of the below items are missing, please contact your reseller.



• DU-520 Hi-Speed USB 2.0 PCI Adapter

• CD-ROM (containing Drivers, Installation Guide and Warranty)

Windows Users

Run the Driver CD before you install the DU-520.

The Driver CD contains an installation program that significantly simplifies the installation process.

1 Insert the D-Link CD-ROM Into Your Computer

Mac users please proceed to the last section.

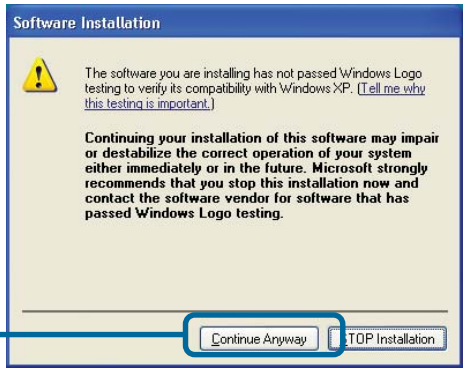
Turn on your computer and insert the **D-Link DU-520 Driver CD** in the CD-ROM drive.

Click **Install Drivers**

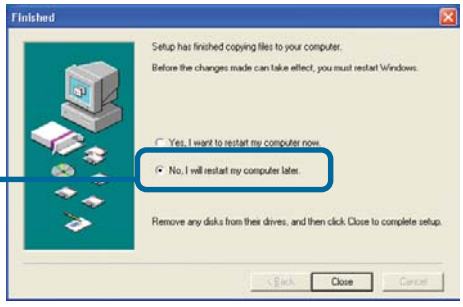
If the Autorun screen does not automatically start, click on **Start** > **Run**, enter "**D:\Autorun.exe**" and click **OK**. "**D**" represents the letter of your CD-ROM drive. Replace it if your CD-ROM drive is a different letter.

Only **Windows XP** users will see this screen.

Click **Continue Anyway**


Software Installation
The software you are installing has not passed Windows Logo testing to verify its compatibility with Windows XP. (Tell me why this testing is important.)
Continuing your installation of this software may impair or destabilize the correct operation of your system either immediately or in the future. Microsoft strongly recommends that you stop this installation now and contact the software vendor for software that has passed Windows Logo testing.
Continue Anyway
STOP Installation

Select **No** and **Shut Down your computer**.

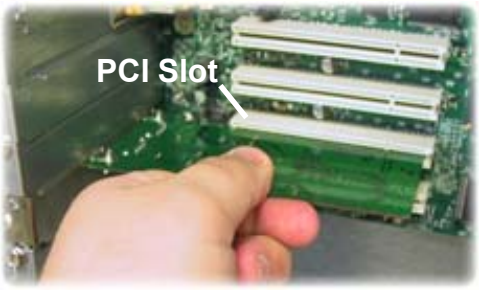

Finished
Setup has finished copying files to your computer.
Before the changes made can take effect, you must restart Windows.
Yes, I want to restart my computer now.
No, I will restart my computer later.
Remove any disks from their drives, and then click Close to complete setup.
Close

2 Installing The DU-520 Hi-Speed USB 2.0 PCI Adapter Into Your Computer

Make sure that your computer is turned OFF before installing the DU-520.

Remove the outer cover of your computer. Refer to your computer manual as needed. Remove the backplate. (The small piece of metal that covers the opening for the PCI card).

Locate an available PCI slot and insert the DU-520 carefully into the PCI slot.



Secure the DU-520 with the screw from the backplate. Replace your computer's cover and plug in the power cord.

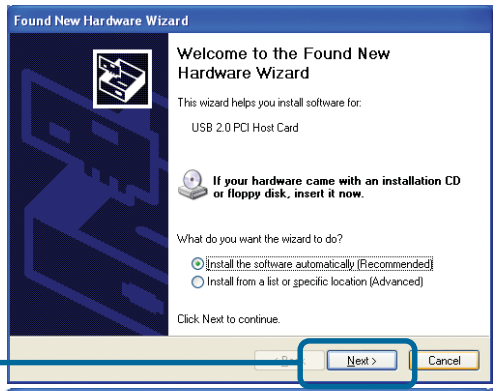
Turn On your computer.

3 Completing The Driver Installation

Windows XP Users

It is recommended to have the latest Windows XP Service Packs installed on your computer for optimal product performance. Driver installation will proceed automatically for Windows XP with Service Pack. If Service Packs are not installed, follow these steps to complete the driver installation. **You will see each of these screens twice.**

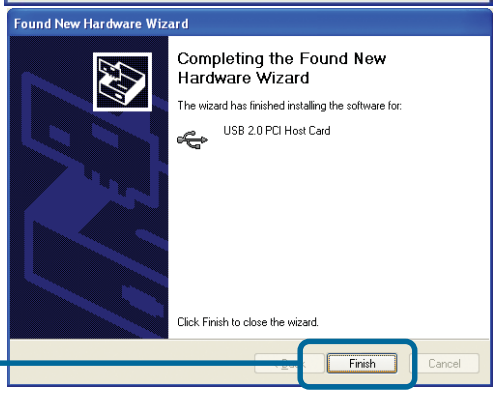
Click **Next**


Found New Hardware Wizard
Welcome to the Found New Hardware Wizard
This wizard helps you install software for:
USB 2.0 PCI Host Card
If your hardware came with an installation CD or floppy disk, insert it now.
What do you want the wizard to do?
Install the software automatically (Recommended)
Install from a list or specific location (Advanced)
Click Next to continue.
< Back
Next >
Cancel

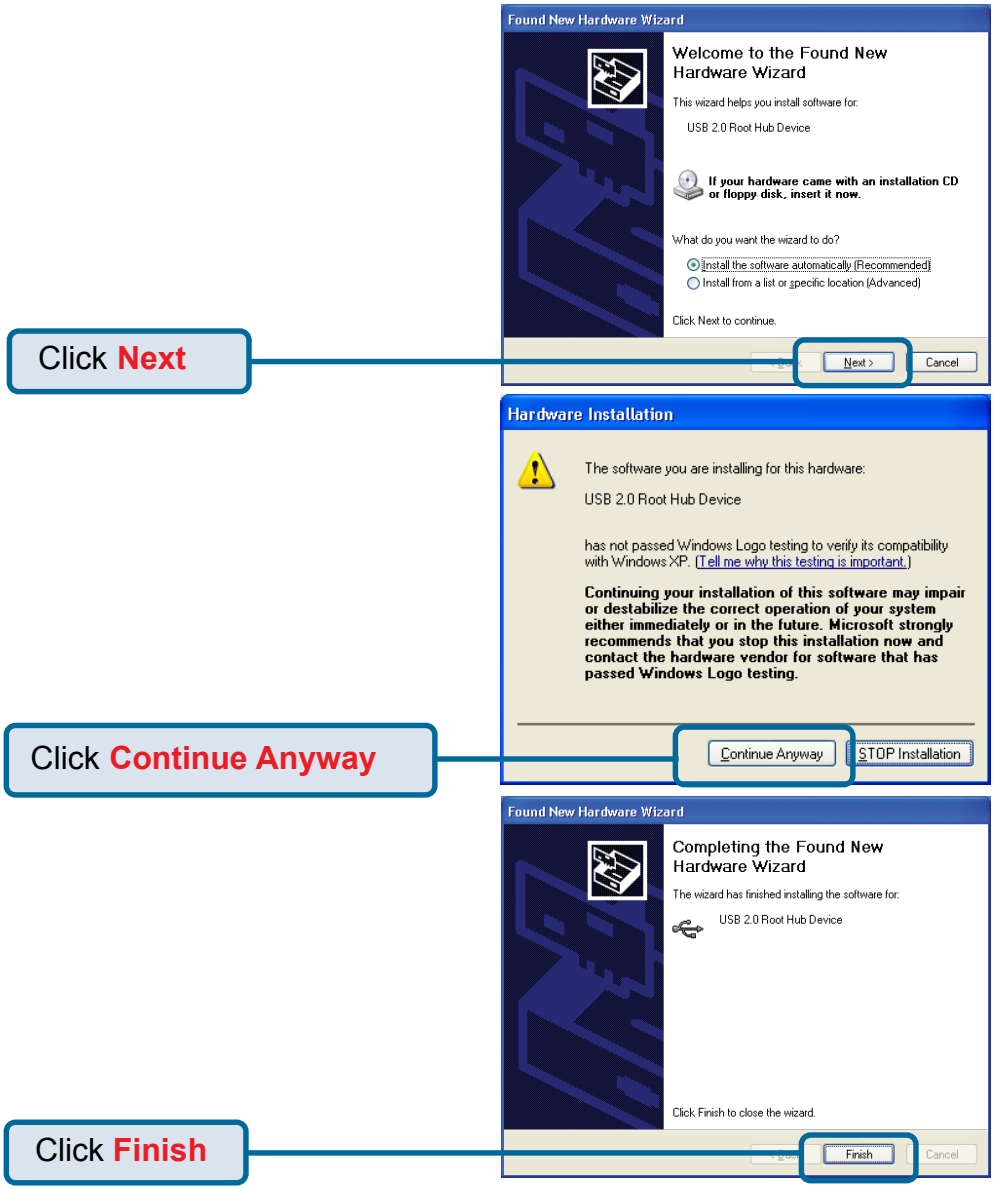
Click **Continue Anyway**

Hardware Installation
The software you are installing for this hardware:
USB 2.0 PCI Host Card
has not passed Windows Logo testing to verify its compatibility with Windows XP. (Tell me why this testing is important.)
Continuing your installation of this software may impair or destabilize the correct operation of your system either immediately or in the future. Microsoft strongly recommends that you stop this installation now and contact the hardware vendor for software that has passed Windows Logo testing.
Continue Anyway
STOP Installation

Click **Finish**


Found New Hardware Wizard
Completing the Found New Hardware Wizard
The wizard has finished installing the software for:
USB 2.0 PCI Host Card
Click Finish to close the wizard.
< Back
Finish
Cancel

Windows XP Users

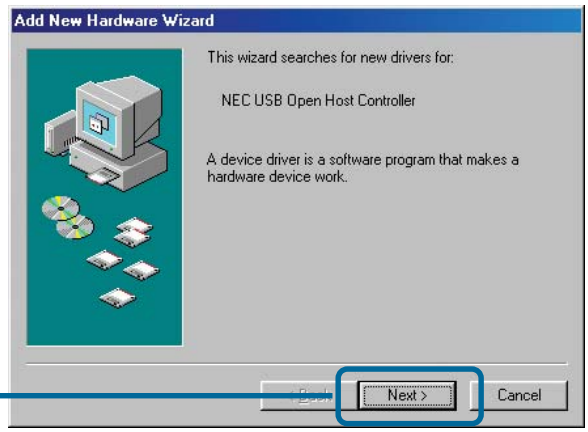

Found New Hardware Wizard
Welcome to the Found New Hardware Wizard
This wizard helps you install software for:
USB 2.0 Root Hub Device
If your hardware came with an installation CD or floppy disk, insert it now.
What do you want the wizard to do?
Install the software automatically (Recommended)
Install from a list or specific location (Advanced)
Click Next to continue.
Next >
Cancel
Click Next
Hardware Installation
The software you are installing for this hardware:
USB 2.0 Root Hub Device
has not passed Windows Logo testing to verify its compatibility with Windows XP. (Tell me why this testing is important.)
Continuing your installation of this software may impair or destabilize the correct operation of your system either immediately or in the future. Microsoft strongly recommends that you stop this installation now and contact the hardware vendor for software that has passed Windows Logo testing.
Continue Anyway
STOP Installation
Click Continue Anyway
Found New Hardware Wizard
Completing the Found New Hardware Wizard
The wizard has finished installing the software for:
USB 2.0 Root Hub Device
Click Finish to close the wizard.
Finish
Cancel
Click Finish

Windows 2000 & Me Users

The DU-520 driver installation will proceed automatically for Windows 2000 & Me users while Windows is starting.

Windows 98SE Users

Follow these steps to complete installation under Windows 98SE for each device that Windows propmpts you to install. **You will see each of these screens twice.**

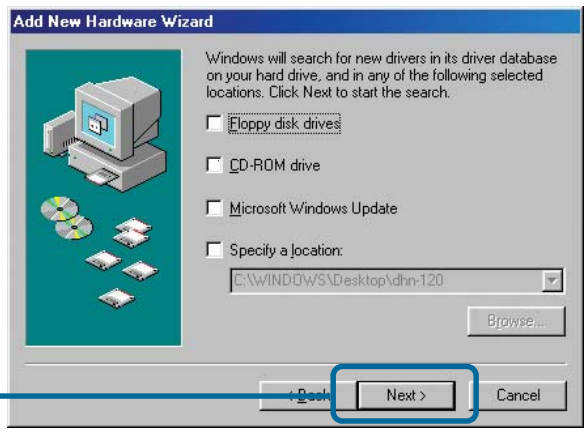

Add New Hardware Wizard
This wizard searches for new drivers for:
NEC USB Open Host Controller
A device driver is a software program that makes a hardware device work.
< Back
Next >
Cancel

Click **Next**

Add New Hardware Wizard
What do you want Windows to do?
Search for the best driver for your device. (Recommended).
Display a list of all the drivers in a specific location, so you can select the driver you want.
< Back
Next >
Cancel

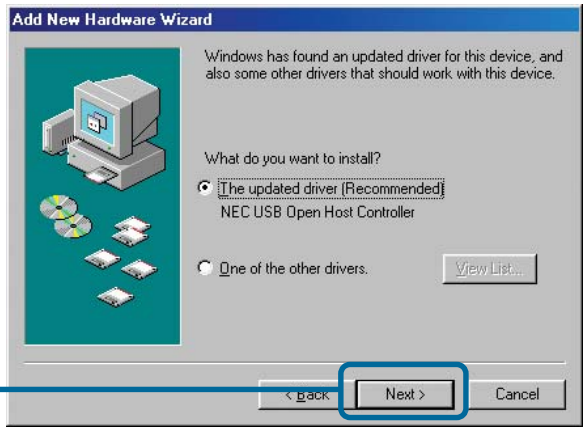
Click **Next**

Make sure all boxes are unchecked and Click Next.

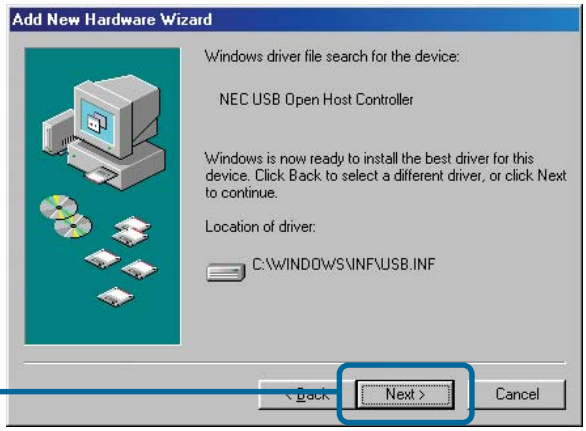

Add New Hardware Wizard
Windows will search for new drivers in its driver database on your hard drive, and in any of the following selected locations. Click Next to start the search.
Floppy disk drives
CD-ROM drive
Microsoft Windows Update
Specify a location:
C:\WINDOWS\Desktop\dhn-120
Browse...
< Back
Next >
Cancel

Click **Next**

Windows 98SE Users


Add New Hardware Wizard
Windows has found an updated driver for this device, and also some other drivers that should work with this device.
What do you want to install?
The updated driver (Recommended)
NEC USB Open Host Controller
One of the other drivers.
View List...
< Back
Next >
Cancel

Click **Next**


Add New Hardware Wizard
Windows driver file search for the device:
NEC USB Open Host Controller
Windows is now ready to install the best driver for this device. Click Back to select a different driver, or click Next to continue.
Location of driver:
C:\WINDOWS\INF\USB.INF
< Back
Next >
Cancel

Click **Next**

Windows 98 may prompt you for the Windows 98 Setup disk. If prompted, insert the Windows 98 Setup disk and select OK.

Add New Hardware Wizard
NEC USB Open Host Controller
Windows has finished installing the software that your new hardware device requires.
< Back
Finish
Cancel

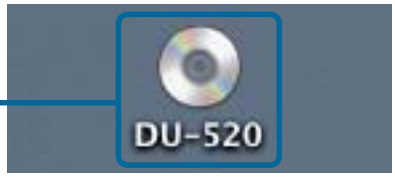
Click **Finish**

When prompted, **Restart Your Computer** to complete the installation.

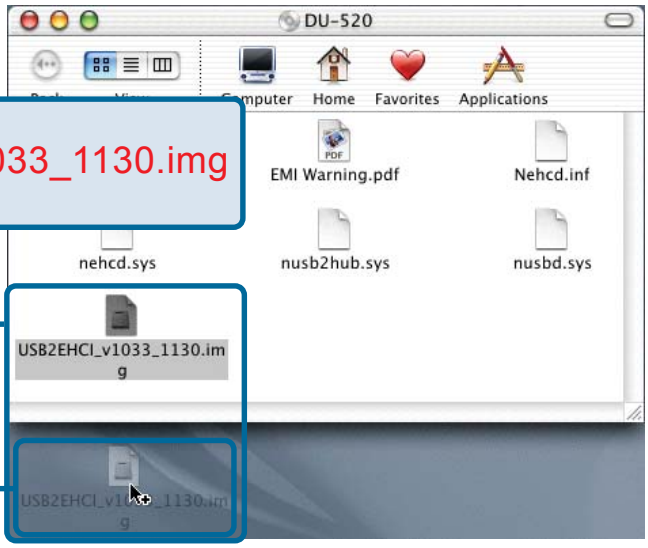
Macintosh OS X 10.1 Users

Insert the DU-520 Driver CD into the CD-ROM drive.

Double-click **DU-520** when it appears on the desktop



Drag-&-drop USB2EHCI_V1033_1130.img to the desktop

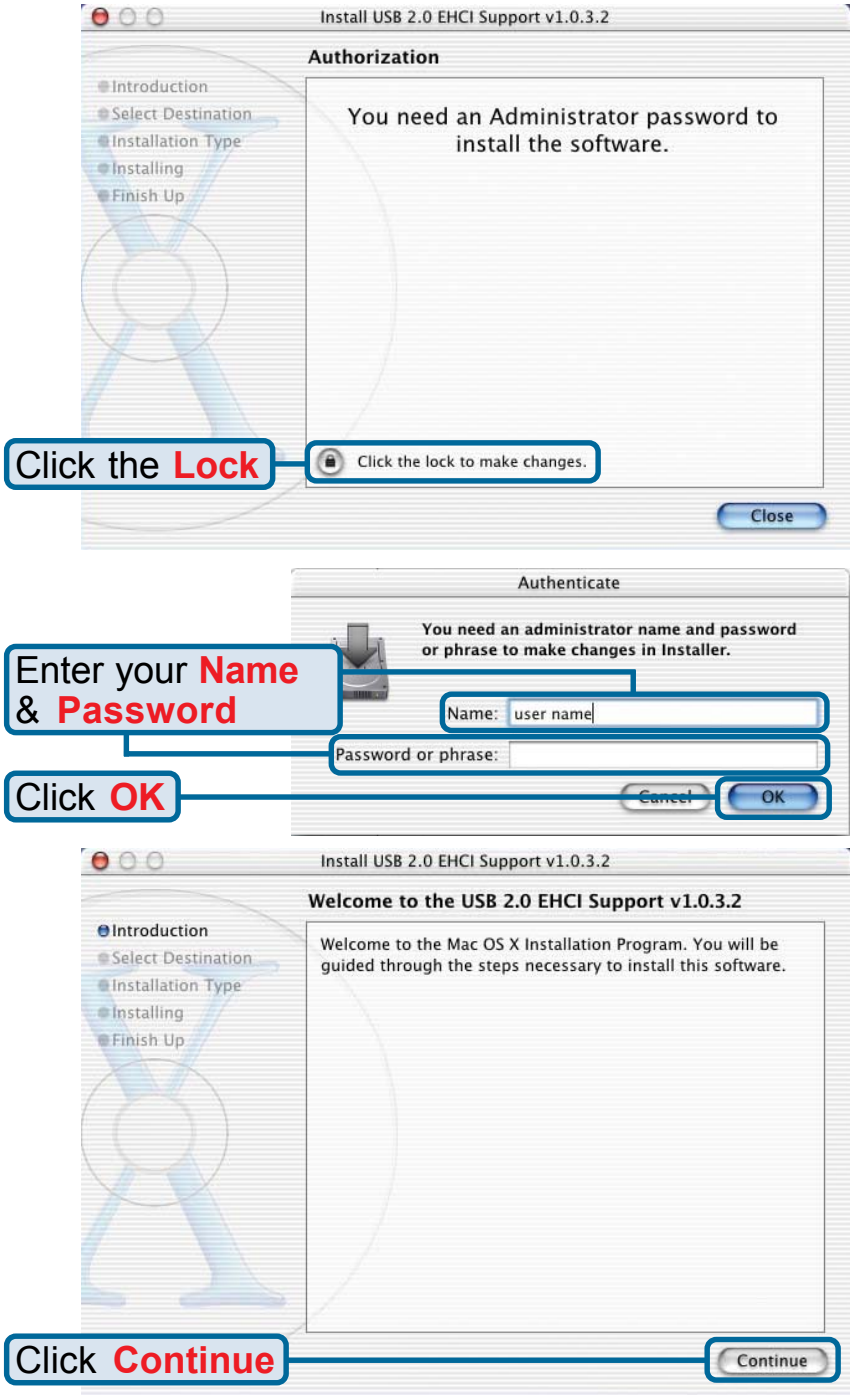


Double-click USB2EHCI-V1033_1130.IMG from the desktop

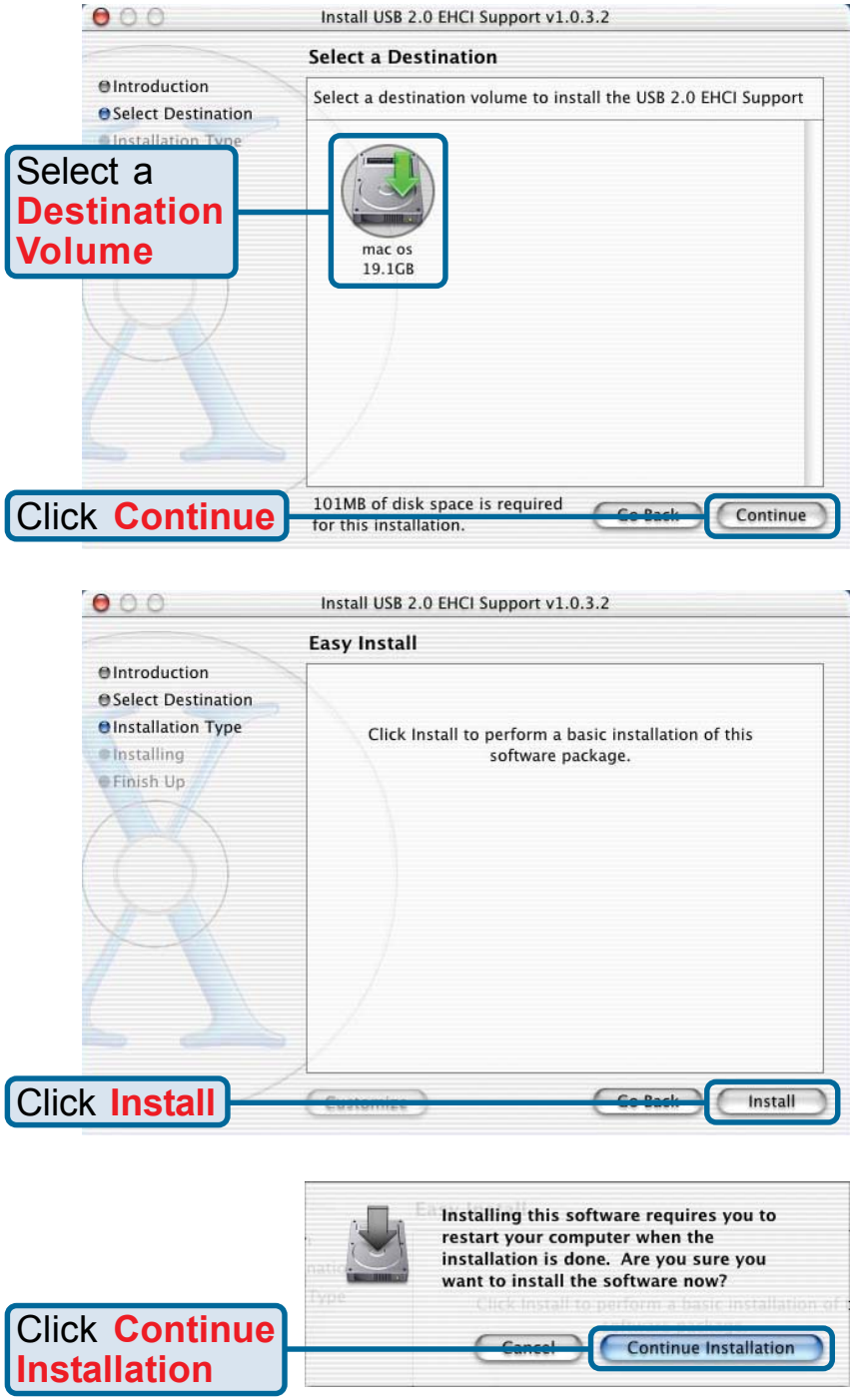
Double-click USB2EHCI_V1033 when it appears on the desktop

Double-click USB2EHCI_V1033.pkg

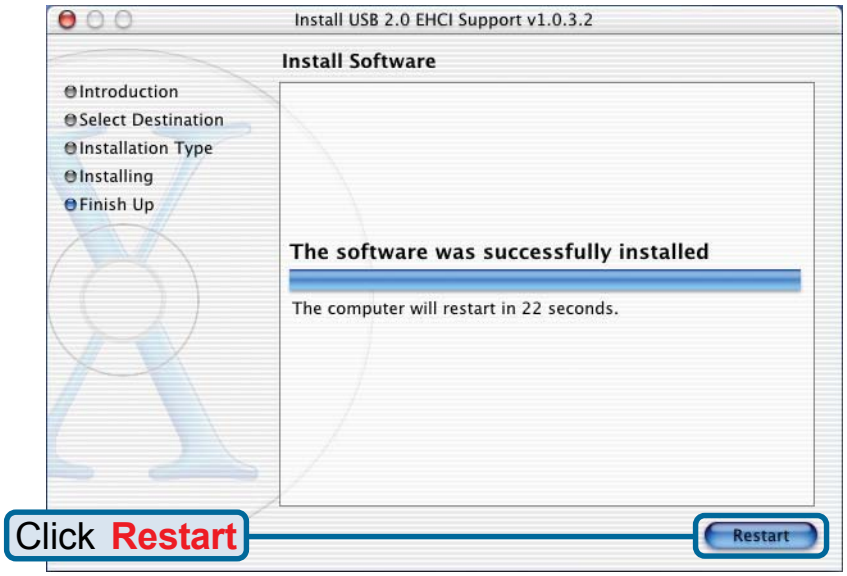
Macintosh OS X 10.1 Users



Macintosh OS X 10.1 Users



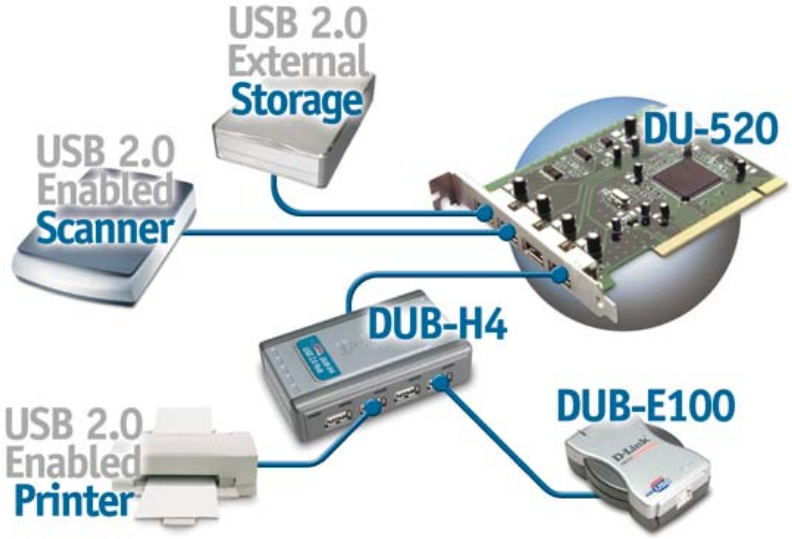
Macintosh OS X 10.1 Users



Typical DU-520 Installation

Once properly installed, the **DU-520 Hi-Speed USB 2.0 5-Port PCI Adapter** can be used to connect both USB 2.0 and USB 1.1 devices to any of its five USB ports.

The diagram below shows a typical installation using the DU-520 and other USB devices.



Introduction to USB 2.0 and Helpful Tips

Introduction

USB stands for Universal Serial Bus. It is a standard for connecting external devices to your computer quickly and easily. One of the nice things about USB is that power can be provided to the USB device through the USB cable. However, some devices such as printers need more power than the USB ports can provide, so those devices will have to use an external power source. USB also allows the device to be connected and removed from the PC without the need to shut -down the computer.

USB 2.0 is the second generation standard that improves on USB 1.1 to provide faster and more reliable data transfers. USB 1.1's speed of 12Mbps is extended to 480Mbps in USB 2.0. The improved speed and bandwidth opens up the possibility for newfound solutions such as external backup or data storage solutions, as well as digital audio and video solutions.

One important feature of the USB 2.0 standard is that it is backward compliant with USB 1.0 and USB 1.1. This means that all of your current USB products will work with USB 2.0 adapters.

Many USB products are widely available on the market and more are being developed for future release. Because of the high speed of the USB interface, a USB hub can be used to connect more than one USB device to one USB port at one time. The USB standard specifies that up to 127 devices can be connected to your computer.

Helpful Tips

- When connecting the USB cable to the computer, make sure that the USB cable is inserted securely.
- Remember that when connecting USB 1.0 or USB 1.1 products into a USB 2.0 adapter, the USB 1x product will not work faster.
- To ensure optimal performance when using USB 2.0 devices, use a USB 2.0 certified cable such as the DUB-C5AB.
- The DU-520 will work in Macintosh OS 8/9 at USB 1.1 speeds using the built-in drivers for the appropriate operating system.

Technical Support

You can find software updates and user documentation on the D-Link website.

D-Link provides free technical support for customers within the United States and within Canada for the duration of the warranty period on this product.

U.S. and Canadian customers can contact D-Link technical support through our website, or by phone.

Tech Support for customers within the United States:

D-Link Technical Support over the Telephone:
(877) 453-5465
24 hours a day, seven days a week.

D-Link Technical Support over the Internet:
http://support.dlink.com
email:support@dlink.com

Tech Support for customers within Canada:

D-Link Technical Support over the Telephone:
(800) 361-5265
Monday to Friday 8:30am to 9:00pm EST

D-Link Technical Support over the Internet:
http://support.dlink.ca
email:support@dlink.ca

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